

## M 5.9, Crete, Greece

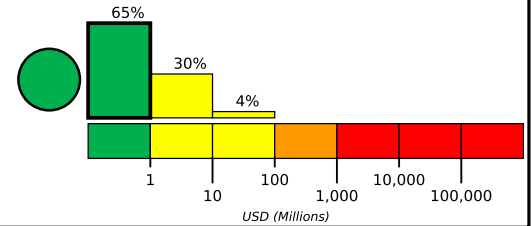
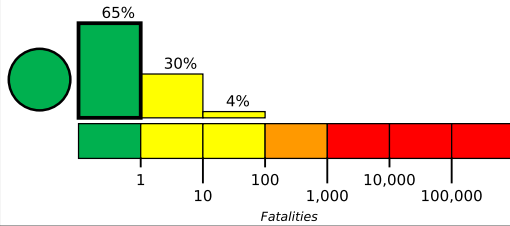
Origin Time: 2020-09-18 16:28:17 UTC (Fri 19:28:17 local)  
Location: 34.9972° N 25.3313° E Depth: 44.5 km

Created: 2 hours, 4 minutes after earthquake

### Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

### Estimated Economic Losses

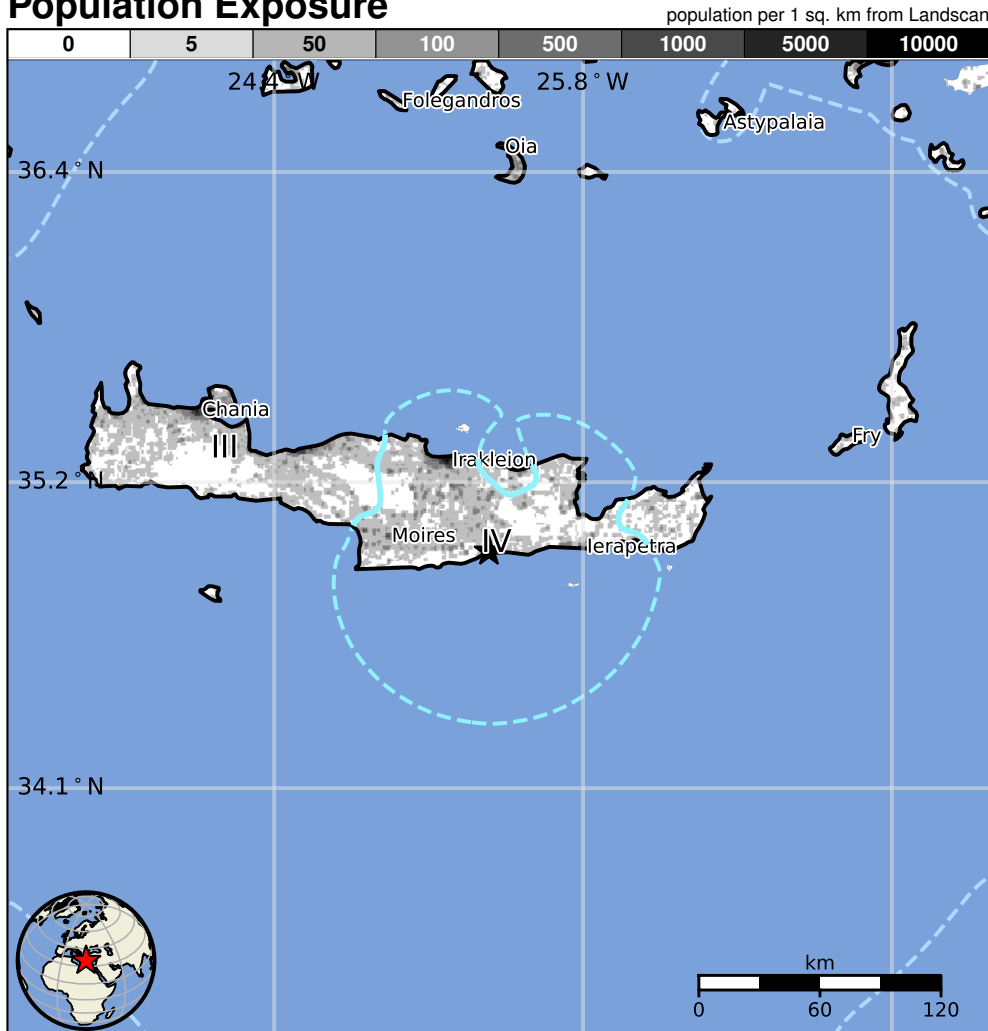


### Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	302k	355k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

\*Estimated exposure only includes population within the map area.

### Population Exposure



### Structures

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are adobe block and dressed stone/block masonry construction.

### Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1981-03-07	396	5.4	VI(426k)	1
1986-09-13	364	5.9	VIII(4k)	21
1999-09-07	377	6.0	IX(10k)	143

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

### Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Arkalochoi	4k
IV	Asimion	1k
IV	Thrapsanon	1k
IV	Nea Anatoli	1k
IV	Nea Alikarnassos	12k
IV	<b>Irakleion</b>	<b>137k</b>
IV	Gazi	13k
IV	<b>Ierapetra</b>	<b>12k</b>
IV	Agios Nikolaos	11k
III	Rethymno	32k
III	<b>Chania</b>	<b>54k</b>

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000bpvt#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000bpvt